



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-822-013
Job Sheet 172550



Part No: D350-822-013

Job Qty: 8 ea

Part Name: PA100 PUREair System for AS350/EC130 - Provisions



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/20/18

Job Tracking No:

Due Date: 4/25/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV G IPP REV:A 16.09.01 NEW ISSUE DD VERF:JFS IPP Rev.B 17.07.11 As per IIN Rev.G DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	8 Ea	4/25/18	4/25/18	0.00	0.00	Start Up Stores/Pkg-1		APR 23 2018
110	Packaging	8 pcs	4/25/18	4/25/18	0.00	0.00	Packaging1-4		APR 23 2018
120	QC	8 pcs	4/25/18	4/25/18	0.00	0.00	QC4		Smb
125	DC	8 pcs	4/25/18	4/25/18	0.00	0.00	DC		Smb
130	Packaging	8 pcs	4/25/18	4/25/18	0.00	0.00	Packaging3-1		Smb
140	QC21-FG	8 Ea	4/25/18	4/25/18	0.00	0.00	QC21		Smb

Part Op 125 - Photocopy bluefile & type labels per PPP D350-822-013 CHG002

DAS
21
9-50

APR 26 2018

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/23/18



Container No: S064104

Part: D350-822-013

Job No: 172550

Serial No/Batch: S064104

Revision: G

Inspector:

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
23350CA050	Washer	16 Ea (2 ea)	90-Start up Operation	
650.0401	Pureair Fairing Assembly	8 Ea (1 ea)	90-Start up Operation	5042239
9752100180	Gasket	8 Ea (1 ea)	90-Start up Operation	5042240
9945000120	Gasket (for B3e models)	8 pcs (1 ea)	90-Start up Operation	5042241
AN821-12J	Elbow (or AN821-12K or 12S)	16 Ea (2 ea)	90-Start up Operation	5042243
AN929-12J	Cap	8 Ea (1 ea)	90-Start up Operation	
D4925-041	Mounting Plate Assembly	8 Ea (1 ea)	90-Start up Operation	
D4931-1	Engine Fitting (for acft models B2 & previous)	8 Ea (1 ea)	90-Start up Operation	
D4931-3	Engine Fitting (For B3 Models)	8 Ea (1 ea)	90-Start up Operation	5047924x2
D4931-5	Engine Fitting (for B3e models)	8 Ea (1 ea)	90-Start up Operation	5047643x2
D4935-1	Mounting Bracket	48 Ea (6 ea)	90-Start up Operation	5047643x2
D4943-1	Flex Hose	8 Ea (1 ea)	90-Start up Operation	30 819959
D4961-041	Tube Assembly	8 Ea (1 ea)	90-Start up Operation	
D4961-043	Tube Assembly	8 Ea (1 ea)	90-Start up Operation	5052495 x 3
D5079-1	Placard, Eaps	16 Ea (2 ea)	90-Start up Operation	5058195x4
D5090-041	Duct Assembly	8 Ea (1 ea)	90-Start up Operation	5022991x5
D5105-1	Handle	16 Ea (2 ea)	90-Start up Operation	5047676x14
D5110-1	Swivel Nut Fitting	8 Ea (1 ea)	90-Start up Operation	504365x5
D5179-1	Doubler	16 Ea (2 ea)	90-Start up Operation	
D5179-3	Doubler	16 Ea (2 ea)	90-Start up Operation	
D5194-1	Doubler	16 Ea (2 ea)	90-Start up Operation	
D5208-041	Blanking Plate Assembly	24 Ea (3 ea)	90-Start up Operation	5060094 x 17
LN9038-05012	Bolt	288 pcs (36 ea)	90-Start up Operation	5055499x17
LN9038-05040	Bolt	8 pcs (1 ea)	90-Start up Operation	
LN9348-05	Nut	240 pcs (30 ea)	90-Start up Operation	
MS20470AD3-4	Rivet, Universal Head	144 Ea (18 ea)	90-Start up Operation	
MS21919WCH12	Clamp	8 Ea (1 ea)	90-Start up Operation	
MS9592-138	Bracket	8 pcs (1 ea)	90-Start up Operation	
NAS1149D0332J	Washer	528 Ea (66 ea)	90-Start up Operation	
NAS43DD3-64	Spacer	8 Ea (1 ea)	90-Start up Operation	
22208CM050016E	Screw	16 pcs (2 ea)	90-Start up Operation	
9945000160	Gasket	8 Ea (1 ea)	90-Start up Operation	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	22208CM050016E	16	60	0
	23350CA050	16	89	0
	650.0401	8	16	0
	9752100180	8	14	0
	9945000120	8	13	0
	9945000160	8	12	0
	AN821-12J	16	23	0
	AN929-12J	8	16	0
	D4925-041	8	5	0
	D4931-1	8	21	0
	D4931-3	8	3	0
	D4931-5	8	3	0
	D4935-1	48	18	0
	D4943-1	8	21	0
	D4961-041	8	10	0
	D4961-043	8	2	0
	D5079-1	16	26	0
	D5090-041	8	8	0
	D5105-1	16	11	0
	D5110-1	8	16	0
	D5179-1	16	21	0
	D5179-3	16	36	0
	D5194-1	16	11	0
	D5208-041	24	7	0
	LN9038-05012	288	334	0
	LN9038-05040	8	46	0
	LN9348-05	240	505	0
	MS20470AD3-4	144	7,009	0
	MS21919WCH12	8	21	0
	MS9592-138	8	37	0
	NAS1149D0332J	528	3,722	0
	NAS43DD3-64	8	11	0
Part Specifications				
Specifications could not be found.				

Plex 2/23/18 2:56 PM dart.quirion.sonia

004/11



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001411	S048456	22208CM050016E	Screw	FM138012 ✓	ST577	16
001411	S048455	23350CA050	Washer	FM135603-70 ✓	ST578	16
001411	F155164	650.0401	Pureair Fairing Assembly		FG105	1
001411	F156129	650.0401	Pureair Fairing Assembly		FG105	1
001411	S002923	650.0401	Pureair Fairing Assembly	S002857	FG105	1
001411	S006209	650.0401	Pureair Fairing Assembly	F155164 F155164	FG105	1
001411	S042239	650.0401	Pureair Fairing Assembly	S042228	FG107	1
001411	S042240	650.0401	Pureair Fairing Assembly	S042229	FG107	1
001411	S042241	650.0401	Pureair Fairing Assembly	S042230	FG107	1
001411	S042243	650.0401	Pureair Fairing Assembly	S042231	FG107	1
001411	S048453	9752100180	Gasket	S014661 ✓	ST589	8
001411	S046813	D4925-041	Mounting Plate Assembly	S043542	ST218	6
001411	S048314	D4925-041	Mounting Plate Assembly	S041824	ST218	2
001411	S048448	D4931-1	Engine Fitting (for acft models B2 & previous)	S043545	ST138	8
001411	S017077	D4931-3	Engine Fitting (For B3 Models)	S017074	ST127	2
001411	S047664	D4931-3	Engine Fitting (For B3 Models)	S047639	ST127	4
001411	S059640	D4931-3	Engine Fitting (For B3 Models)	S047934	ST127	2
001411	S016773	D4931-5	Engine Fitting (for B3e models)	FM135463-5	ST127	2
001411	S047638	D4931-5	Engine Fitting (for B3e models)	S047637	ST127	4
001411	S059639	D4931-5	Engine Fitting (for B3e models)	S047643	ST127	2
001411	S059626	D4935-1	Mounting Bracket	S049959	ST128	48
001411	F155940	D4943-1	Flex Hose		ST220A	3
001411	S048415	D4943-1	Flex Hose	F156119	ST220B	5
001411	S027506	D4961-041	Tube Assembly	S027455	ST129	1
001411	S048313	D4961-041	Tube Assembly	S044625	ST129	7
001411	S021770	D4961-043	Tube Assembly	S021763	ST129	1
001411	S058195	D4961-043	Tube Assembly	S058193	ST129	4
001411	S059631	D4961-043	Tube Assembly	S052495	ST129	3
001411	S023200	D5079-1	Placard, Eaps	S023119	ST137	4
001411	S048408	D5079-1	Placard, Eaps	S038579	ST148	12
001411	S022991	D5090-041	Duct Assembly	S019444	ST222A	5
001411	S064101	D5090-041	Duct Assembly	s060605	ST222B	3
001411	S059659	D5105-1	Handle	S047676	ST141	14
001411	S059625	D5110-1	Swivel Nut Fitting	S044365	ST142	5
001411	S042127	D5179-1	Doubler	S042126	ST220	16
001411	S042122	D5179-3	Doubler	S042120	ST220	16
001411	S037955	D5194-1	Doubler	S037953	ST220	8
001411	S052499	D5194-1	Doubler	S051509	ST220	8
001411	S053449	D5208-041	Blanking Plate Assembly	S041613	ST147	7
001411	S060454	D5208-041	Blanking Plate Assembly	s060094	ST147	17
001411	S006674	LN9038-05012	Bolt		ST564	78
001411	S024845	LN9038-05012	Bolt		ST572A	148
001411	S047966	LN9038-05012	Bolt	s006674	ST564	4
001411	S047978	LN9038-05012	Bolt	S041090	ST564	44
001411	FM135803	LN9038-05040	Bolt		ST564	5
001411	S047935	LN9038-05040	Bolt	fm136260	ST564	3
001411	S026736	LN9348-05	Nut		ST565	99
001411	S047933	LN9348-05	Nut	s042037	ST565	141
001411	S047928	MS20470AD3-4	Rivet, Universal Head	fm136665-40	ST310	144

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity	
001411	S047927	MS21919WCH12	Clamp	Fm137886.83	s014744	ST291	8
001411	S047918	MS9592-138	Bracket		s014155	ST267	8
001411	Fm137820.0	NAS43DD3-64	Spacer			ST550	4
001411	M132461-275	NAS43DD3-64	Spacer			GA020	3
001411	S035570	NAS43DD3-64	Spacer		Fm137820.0	ST550	1

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

994500020	SO14662	X 8
9945000160	Fm138250-40	X 8
An821-125	SO19417	X 16
An929-125	SO24741	X 8
NAS1149003325	SO20006 X	S28

Plex 4/23/18 2:24 PM dart.quirion.sonia

PAGE 1 OF 1

Description: PA100 PUREAIR PROVISIONS

H:\Forms\Engineer\Approved Eng Online\CHGREC revB

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		D350-822-011	PA100 PUREAIR SYSTEM
	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB21308	FOD SCREEN ASSY
15**		LN29985-A05	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
2	2	23350CA050	LOCKING TAB
1*	1*	9752100180	GASKET
1*	1*	9945000120	GASKET
1*	1*	706A33-201-001	GASKET
2	2	22208CM050016E	SCREW
2	2	AS1034J1212	ELBOW (OR AN821-12K OR AN821-12S OR AN821-12J)
1	1	AN929-12J	CAP
66	66	BS4320-A5	WASHER (OR NAS1149D0332J)
36	36	LN9038-05012	BOLT
1	1	LN9038-05040	BOLT
30	30	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919WCH12	CLAMP (OR MS21919WHG12)
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE

• COPYRIGHT © 2016 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: G

Date: 17.06.20